

WHAT IS CLAIMED IS:

Sub  
a1

1. An image display device comprising:

a liquid crystal panel having a switching element for every pixel electrode;  
a scanning line driving circuit for driving scanning lines of said liquid crystal

5 panel;

a signal line driving circuit for driving signal lines of said liquid crystal  
panel;

a control circuit for controlling driving said liquid crystal panel;

a video signal processing circuit; and

10 a producing circuit for producing a phase difference in a second signal with  
respect to a phase of a first signal which is inputted to said signal line driving circuit or  
to said scanning line driving circuit.

2. A device according to claim 1, wherein said first signal has a reversed phase  
relation with said second signal.

2 15 102 3. A device according to claim 1, wherein each of said first signal and said second  
signal is a clock signal.

3 62 4. A device according to claim 1, wherein said first signal has a different rise time  
period (tr) and a different signal fall time period (tf) from said second signal.

4 62 5. A device according to claim 1, wherein a signal rise time period (tr) or a signal fall  
20 time period (tf) is equal to or shorter than a half of a signal holding time period (tc).

Sub  
a2

6. A device according to claim 1, wherein said producing circuit for producing the

phase difference in said second signal produces a phase difference with respect to the phase of said first signal, said phase difference corresponding to at least the signal rise time period (tr) of said first signal or the signal fall time period (tf) of said first signal.

6 1. A device according to claim 1, wherein said image display device is a projection type display apparatus including a transmission type liquid crystal panel and a light source for projection.

